



State of Utah

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Division of Facilities Construction and Management

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MEMORANDUM

Date: 11 April 2005

To: Construction Teams

From: Gaylen Rogers, DFCM

Reference: Fire Alarm Upgrade for Provo Regional Center,
State Tax Commission Bldg and Office of Education Bldg
DFCM Project No. 04202310

Subject: **Addendum No. 1**

- 1.1. Responses to Questions Received During Pre-Bid Walkthrough.
During the Pre-Bid Walkthrough of the Board of Education, State Tax Commission and Provo Regional Center Buildings, several verbal questions were received from the bidding contractors. The questions, along with my written responses to those questions, are included below. The responses are issued to the contractors via addendum #1 which must be acknowledged on the bid proposal.
- 1.2. Question: Will the building occupants be relocated to facilitate installation of fire alarm equipment?
Response: Buildings will be occupied throughout fire alarm work. Employees will not relocate. It will be the responsibility of the installing contractor to schedule work in such a way as to minimize disruptions to normal building operations. Refer to section 3.02 of specification section 13851.
- 1.3. Will security guards be present in each facility to allow for after hours work?
Response: 24 hour security is not provided in any of the buildings. Nighttime work, however, will be permitted subject to background checks of employees intending to work in the building after hours.
- 1.4. Question: Is there a desired or established order in which the buildings must be completed?
Response: Fire alarm installation in buildings may proceed in order determined by contractor. All work within any building must be completed prior to moving on to the

next building.

- 1.5. Question: Can the existing fire alarm system be taken out of service before the new system is installed and operational?
Response: Refer to paragraph 3.02-E of specification section 13851. Work shall be performed in a manner to minimize interruptions in service of the existing fire alarm system. Contractor shall be responsible to provide a fire watch throughout all times that the automatic fire alarm and detection service is interrupted. Off-premise monitoring of the fire sprinkler control valves and water flow switches shall be provided at all times.
- 1.6. Question: The existing FACP for the Board of Education is located just inside the north entry. There is little room on the wall to install a new FACP adjacent to the existing FACP that would permit the existing fire alarm system to be kept in service until the new system is completed. Can the new FACP be installed elsewhere with an annunciator placed inside the north entry?
Response: Yes. The new FACP may be installed in an alternate location (to be approved by the owner) and an annunciator installed inside the north entry.
Existing control equipment and cabinets for fire alarm equipment that are no longer in use shall be removed and the wall repaired.
- 1.7. Question: What minimum size conduit will be allowed?
Response: Conduit types and sizes shall conform to NFPA 70 article 760 and shall match minimum sizes used for existing fire alarm system in each building. For the Board of Education and the State Tax Commission minimum conduit size will be 1/2". For the Provo Regional Center the minimum conduit size shall be 3/4"
- 1.8. Question: Will the use of flexible conduit be allowed?
Response: Conduit types and sizes shall conform to NFPA 70 article 760 and shall match type used for existing fire alarm system in each building. For the Board of Education and the State Tax Commission flexible conduit will be allowed. For the Provo Regional rigid type conduits are required except drops to single devices may be run in flexible conduit.
- 1.9. Question: Can existing conduits that are longer used remain in place?
Response: Refer to general notes on drawings. Existing conduit that is not used in the new fire alarm system may remain but all wires shall be removed from conduit.
- 1.10. Question: Do conduits and junction boxes need to be painted red?
Response: Conduit may be unfinished or painted red at the contractor's option. All junction boxes shall be painted red.
- 1.11. Question: What color is desired for the new fire alarm devices?
Response: Red devices should be used.
- 1.12. Question: At the Provo Regional Center, the existing system includes two exterior alarms on the east wall in very close proximity. Can one device be removed?
Response: Plans require replacement of both exterior alarms with new equipment. While the presence of two alarms in such close proximity is redundant removal of either alarm would require repair to the existing building surface.